

Title (en)

Method of forming an optical multiway connection assembly, in particular for optical fibres

Title (de)

Verfahren zur Bildung einer optischen Mehrweg-Verbindungsanordnung, insbesondere für optische Fasern

Title (fr)

Procédé de réalisation d'un ensemble de connexion optique multivoies, notamment pour fibres optiques

Publication

**EP 0670507 B1 20000126 (FR)**

Application

**EP 95400448 A 19950302**

Priority

FR 9402458 A 19940303

Abstract (en)

[origin: EP0670507A1] The connection process involves using a multichannel connection block having several outputs (122,222) on a common surface (112,212) according to a predetermined arrangement with a carefully controlled spacing (p). The block is placed on a support (150,250) for mechanical positioning (152,155,252,255). The assembly is placed facing a complementary reference connector able to join with the mechanical positioning parts of the support. The reference connector has a rigidly attached reference block with optical fibres positioned as those on the connection block. The outputs of the connection block are aligned dynamically by three relative displacements between the block and its support. After alignment, the block is fixed on its support.

IPC 1-7

**G02B 6/30**; **G02B 6/38**

IPC 8 full level

**G02B 6/30** (2006.01); **G02B 6/38** (2006.01)

CPC (source: EP US)

**G02B 6/30** (2013.01 - EP US); **G02B 6/3865** (2013.01 - EP US); **G02B 6/3885** (2013.01 - EP US); **G02B 6/3821** (2013.01 - EP US); **G02B 6/3822** (2013.01 - EP US)

Cited by

US11009665B2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0670507 A1 19950906**; **EP 0670507 B1 20000126**; DE 69514696 D1 20000302; DE 69514696 T2 20000621; FR 2716981 A1 19950908; FR 2716981 B1 19960524; US 5596662 A 19970121

DOCDB simple family (application)

**EP 95400448 A 19950302**; DE 69514696 T 19950302; FR 9402458 A 19940303; US 39916095 A 19950302